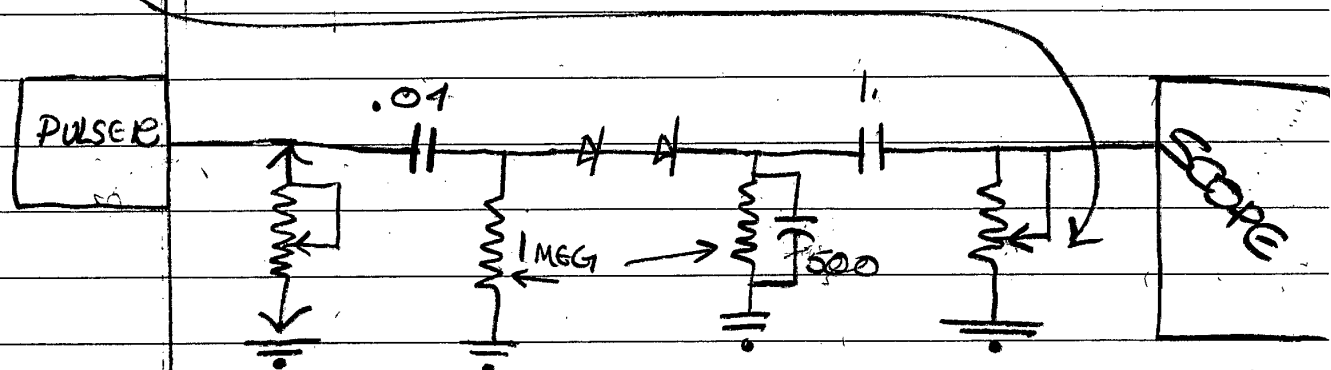
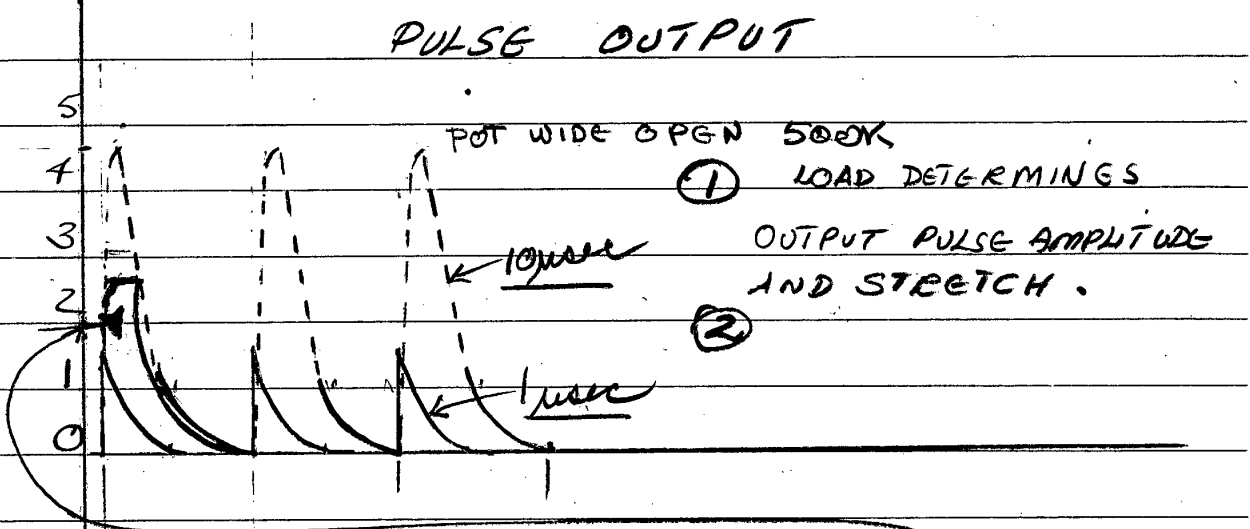
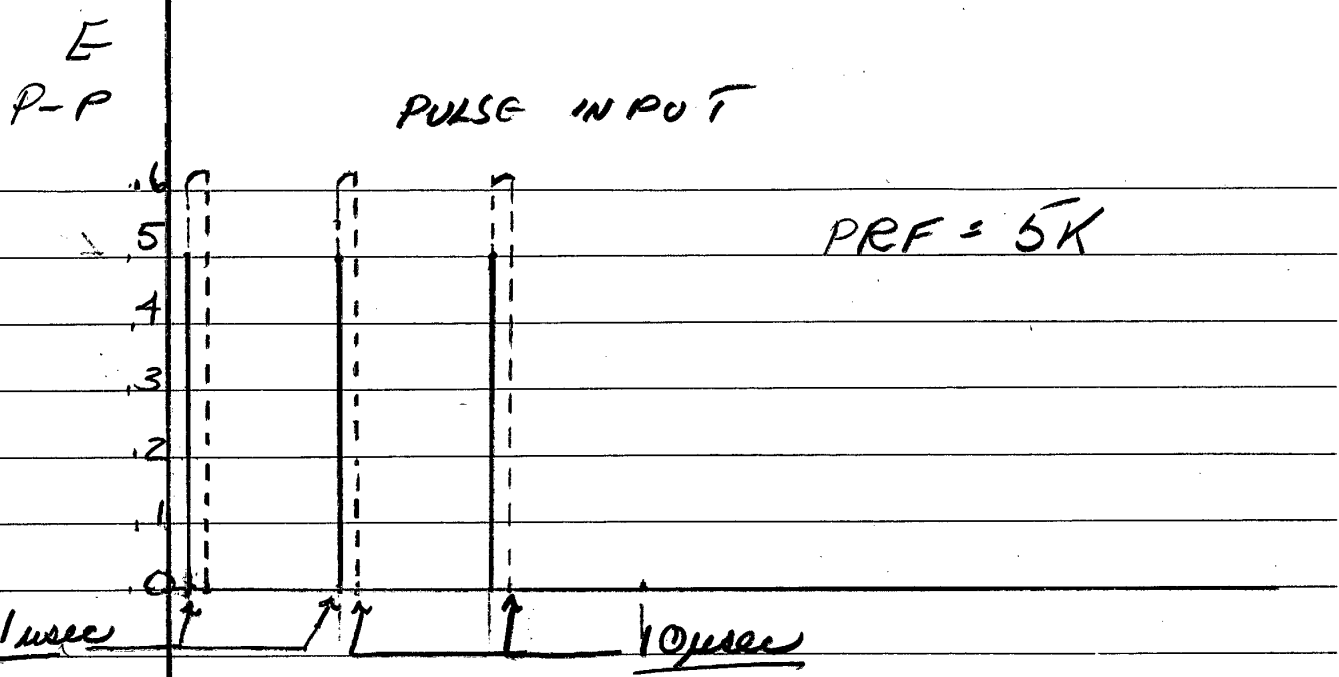


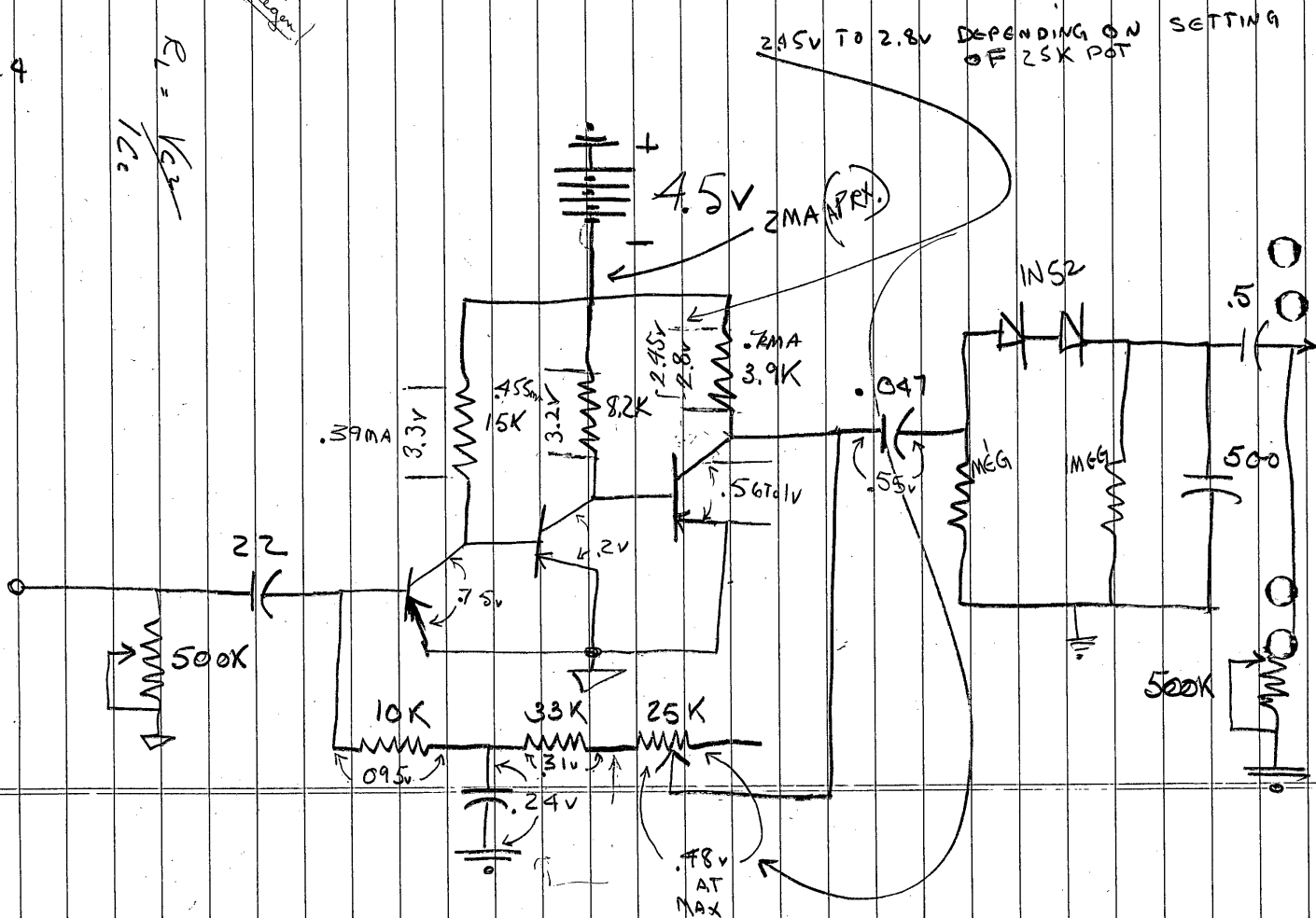


POT SET BELOW
20K OUTPUT
PULSE IS STILL
SQ WAVE.

24

$$R_L = \frac{V_{C2}}{I_{C2}}$$

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Input = 100mw

2500 $5mw = 1.25v_{out} = 2500v_{gain}$

100 100mw		3.0	1014
RMS V		60	.046
100	706.58	100	.165
150	4058		367
300	.0058		92
500	.0092	.0051	1.1
700	.015		1.1
1000	.0175		1.05
1500	.0240		1.0
2000	.0265		9.8
3000	.035		9.5
5000	.052		9.2
10000	.067	.8	
15000	.073	.82	
20000	.081	.78	
25000	.082	.76	
30000	.075	.72	
40000	.055	.69	
50000	.040	.66	
60000	.030	.64	
70000	.026	.64	0'

*Chow
stretchers
&
coupling*

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OUTPUT

PEAK-TO-PEAK

PEAK-TO-PEAK

INPUT VOLTAGE

PRF

OUTPUT

VOLTAGE

RF = 200 MW .02 VDC

Pulse width
= 1 μ sec

0.02 V

40	1
100	1
400	1
500	1
1 K	.8
2 K	.7
3 K	.6
4 K	.5

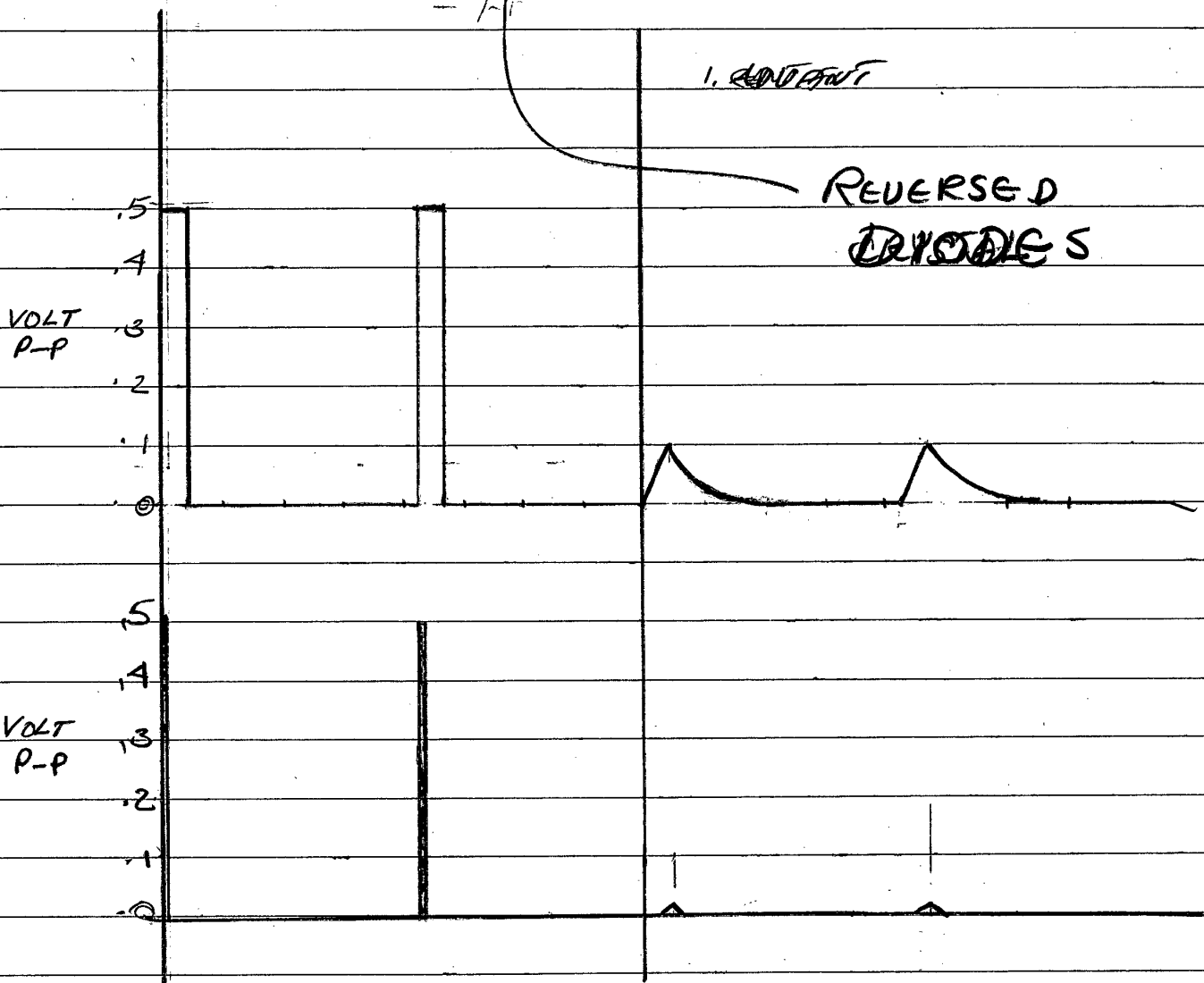
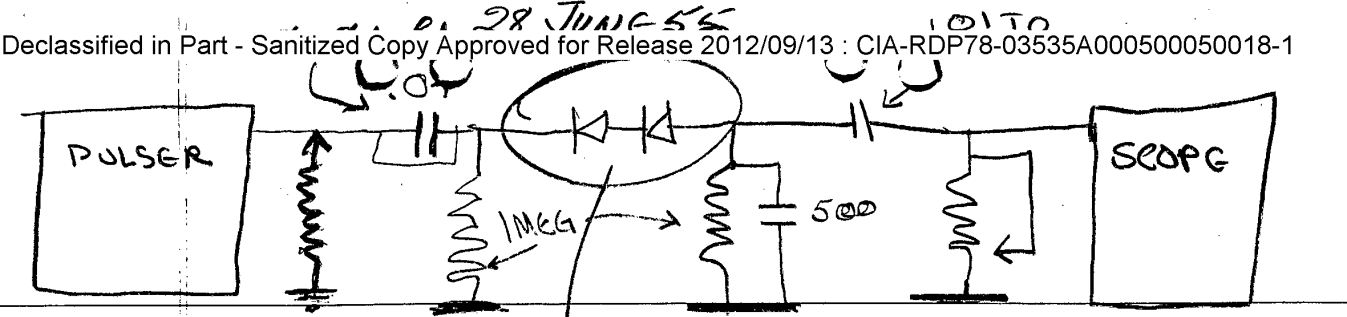
Audio gen HP 200D

Microvoltage 546 B GR

VTVM HP 400C

18 MCB8

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1. Second germanium doesn't appear to add anything to circuit

2.

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$DRF = 1000$
10 usec pulse width

Noise level = .1V PEAK TO PEAK

F-km/s	DIPOLE	DISCON	DISCON
1.8	1.14	L	
2	.46	Km/s	
2.5	.34	4100	.1
3	.185	4300	.15
3.5	.19	4400	.24
4	.92		
4	1.0		
4.5	.38	.47	+18 DB
5.0	1.08	.265	-9.4 DB
5.5	.12	.2	+4.4 DB
6	.08		

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2 NOV 55
Receiver Sensitivity & Raw Noise

f. MC/S	MICROWATTS RAW NOISE	10 DB/5N	SENSITIVITY TO OBTAIN .5MW AUDIO
125 ARC 3 ONLY	339	517	.547
125 WITH 452 AR22	339		

RAW NOISE - MEASURED WITH 50-2 SHUNT ACROSS ANT. INPUT TERMINALS.

10 DB/5N - REQUIRED MICROVOLT INPUT TO OBTAIN +10 DB ABOVE NOISE LEVEL

RAW SENSITIVITY - REQUIRED MICROVOLT INPUT TO OBTAIN .5 MW AUDIO OUTPUT (MEASURED WITH HP 400C (400-2). (.541 VOLTS)

AUC - OFF - (1ST & 2ND RF GRID GROUNDED) REMOVED

✓FS COMPLETED 3 NOV 55

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STAT

STAT

Phone Call

Information obtained from [redacted]
regarding input and output
connectors to be used on video
amplifier.

1. Output connector to be Telco jack.
 2. Input Connector to be 1PC 46025
- one input connector being sent from
office for our use.

STAT

V.F.SI

10 Oct 55

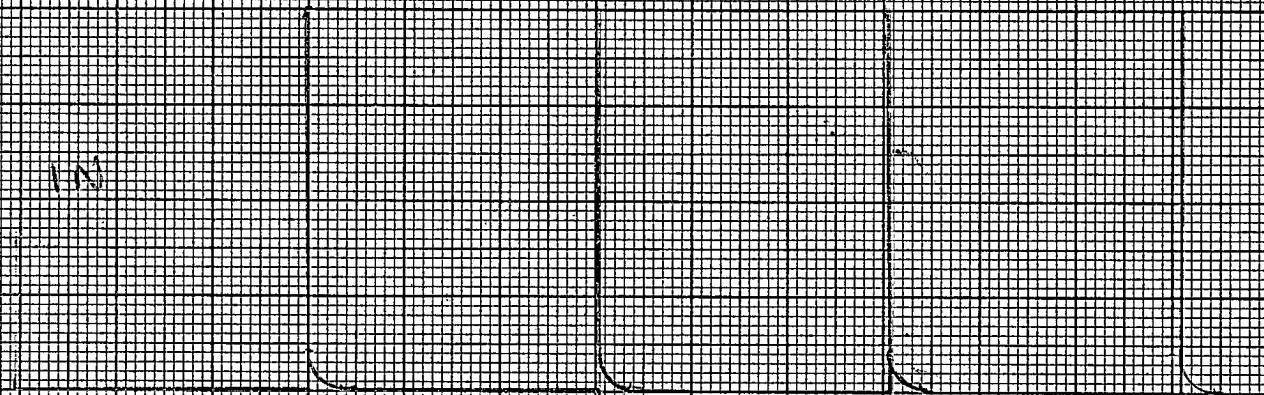
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PULSE SIGNAL

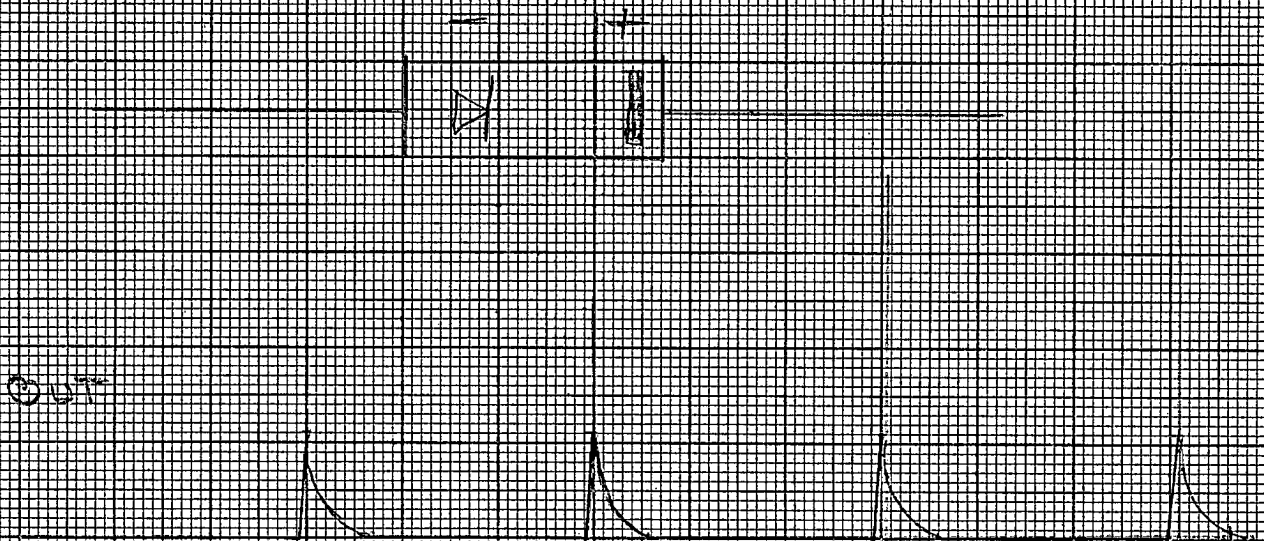
19 NOV 65

08
06
04
02

IN

08
06
04
02

OUT



CM SCALE

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359-11

KEUFFEL & ESSER CO.
10 X 10 to the 1/2 inch, 5th lines accented.
MADE IN U. S. A.

50-2

50

70

1086

60

50

-10 DB = Carry on 14

40

0 DB - Mod on -

32

20

10

• 01

7

69
12

155

Raw noise

5

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